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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

09820.155

First Inventor

Bryce P. Nelson

Title

LABEL-FREE DETECTION OF NUCLEIC ACIDS  
VIA SURFACE PLASMON RESONANCE

Express Mail Label No.

EL847502188US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 37]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Check for \$433

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No.: 09, 456,038

Prior application information:

Examiner Lundgren, J.

Group Art Unit: 1631

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

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Name (Print/Type)

JOSEPH T. LEONE

Registration No. (Attorney/Agent)

37,170

Signature

*Joseph T. Leone*

Date

29 Nov. 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

PATENT APPLICATION TRANSMITTAL LETTER

Atty's Docket No.: 09820.155

TO: ASSISTANT COMMISSIONER FOR PATENTS

Enclosed is the patent application of Bryce P. Nelson, Mark R. Liles, Kendra Frederick, Robert M. Corn and Robert M. Goodman for LABEL-FREE DETECTION OF NUCLEIC ACIDS VIA SURFACE PLASMON RESONANCE.

Enclosed are:

- ☒ thirty-seven (37) pages of text
- ☒ four (4) sheets of drawings
- ☒ declaration and associated power of attorney, signed
- ☒ statement that sequence listing and computer readable copy are the same and include no new matter
- ☒ sequence listing on diskette

CLAIMS AS FILED

For	No. Filed	No. Extra
Basic Fee		
Total Claims	27 - 20 =	7
Indep Claims	3 - 3 =	0
Multiple Dependent Claim Present		

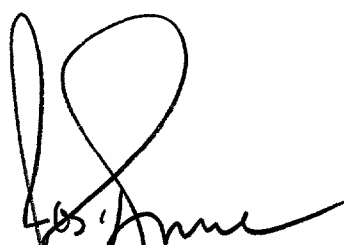
SMALL ENTITY

Rate	Fee
	\$370
x \$9 =	\$ 63
x \$42 =	\$
+ \$140 =	\$
Total	\$433

OTHER THAN A  
SMALL ENTITY

Rate	Fee
	\$ 740
x \$18 =	\$
x \$84 =	\$
+ \$280 =	\$
Total	\$

- ☒ A check for \$433 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 18-2055.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

  
 Joseph T. Leone, Reg. No. 37,170  
 DEWITT ROSS & STEVENS, S.C.  
 Firstar Financial Centre  
 8000 Excelsior Drive, Suite 401  
 Madison, Wisconsin 53717-1914  
 Telephone: (608) 831-2100  
 Facsimile: (608) 831-2106

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail - Post Office to Addressee, in an envelope addressed to:

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Date of Deposit: 11-29-01

Signature: Marcia Layton

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:  
Filing Date: Concurrently Herewith  
Applicant: NELSON et al.

Attorney Docket No.: 09820.155

Title: **LABEL-FREE DETECTION OF NUCLEIC ACIDS VIA SURFACE PLASMON  
RESONANCE**

**STATEMENT THAT "SEQUENCE LISTING" AND COMPUTER READABLE  
COPY ARE THE SAME AND INCLUDE NO NEW MATTER**

**Box: Sequence**  
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Washington, D.C. 20231

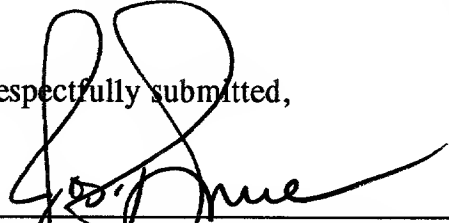
To the Commissioner:

Enclosed is a statement that the content of the paper copy of the "Sequence Listing" and the "Sequence Listing" in computer readable form are the same as required by 37 C.F.R. 1.821(g).

The paper copy of the Sequence Listing submitted in this application is identical to the computer readable copy of the Sequence Listing being submitted herewith.

Should the Examiner have any questions or comments with respect to the above-referenced application, the Examiner is requested to contact the undersigned attorney. The Commissioner is authorized to charge any fees or credit any overpayments relating to this application to deposit account number 18-2055.

Respectfully submitted,

  
Joseph T. Leone, Reg. No. 37,170  
DEWITT ROSS & STEVENS S.C.  
First Financial Centre  
8000 Excelsior Drive, Suite 401  
Madison, Wisconsin 53717-1914  
Telephone: (608) 831-2100  
Facsimile: (608) 831-2106

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Signature: Marcia Layton